

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Koki NAKAMURA ) Group Art Unit:  
Application No.: Unassigned ) Examiner:  
Filed: September 26, 2006 ) Confirmation No.:  
For: DENDRON AND DENDRIMER, )  
METHOD OF PRODUCING THE )  
SAME, AND METHOD OF )  
PRODUCING A THIOACETAL )  
COMPOUND )

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The relevance of the listed documents is their citation in the attached International Search Report in the corresponding PCT application and/or their citation in the specification.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date September 26, 2006

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Substitute for form 1449A/PTO & 1449B/PTO				Complete if Known	
<b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	Unassigned
				Filing Date	September 26, 2006
				First Named Inventor	Koki NAKAMURA
				Examiner Name	
(use as many sheets as necessary)				Attorney Docket Number	1012777-000065
Sheet	1	of	1		

## **FOREIGN PATENT DOCUMENTS**

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*N. GABRIEL LEMCOFF et al., "TOWARD NOVEL POLYACETALS BY TRANSACETALATION TECHNIQUES: DENDRIMERIC DIACETALS", Organic Letter, 2002, vol. 4, no. 5, pages 731-734, American Chemical Society (cited in International Search Report).
	*HIDEHARU MORI et al., "HYPERBRANCHED (METH)ACRYLATES IN SOLUTION, MELT, AND GRAFTED FROM SURFACES", Top. Curr. Chem., 2003, vol. 228, pages 1-37 (cited in specification).
	**"SCIENCE AND FUNCTION OF DENDRIMER", edited by KANEHIKO OKADA, published by IPC Ltd., pages 15-34 (cited in specification).
	*SCOTT M. GRAYSON et al., "CONVERGENT DENDRONS AND DENDRIMERS: FROM SYNTHESIS TO APPLICATIONS", Chemical Review, 2001, vol. 101, pages 3819-3867 (cited in specification).
	*BRINDABAN C. RANU et al., "HIGHLY EFFICIENT TRANSTHIOACETALIZATION OF O,O-ACETALS CATALYZED BY INDIUM(III) CHLORIDE", Synlett, 2002, no. 5, pages 727-730 (cited in specification).
	*J.S. YADAV et al., "INDIUM(III) CHLORIDE CATALYZED EFFICIENT CONVERSION OF CARBONYL COMPOUNDS TO 1,3-DITHIOACETALS", Synthetic Communications, 2002, vol. 32, no. 5, pages 715-719 (cited in specification).
	*AHMED KAMAL et al., "SCANDIUM TRIFLATE AS A RECYCLABLE CATALYST FOR CHEMOSELECTIVE THIOACETALIZATION", Tetrahedron Letters, 2002, vol. 43, pages 1347-1350, Elsevier Science Ltd. (cited in specification).
	*International Search Report dated 07/26/2005.

\*Copy attached.

Examiner Signature	Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.